

a second enclosure barrier portion that is impenetrable to the generated gas and the ambient contaminates, wherein the first micro-pore portion is disposed between the first enclosure barrier portion and the second enclosure barrier portion to form the enclosure.

17. The sealable enclosure of claim **12**, wherein the enclosure barrier portion and the first micro-pore portion form an upper portion of the enclosure, and wherein the enclosure further comprises:

a base portion that is sealably joined with the upper portion.

18. The sealable enclosure of claim **17**, wherein the enclosure barrier portion is made of a semi-flexible or semi rigid material that prevents the enclosure barrier portion from collapsing onto the surface of the object after the heating has been completed.

19. The sealable enclosure of claim **12**, wherein the first side edge, the second side edge, the front edge and the back edge are sealably joined to the outer surface region of the enclosure barrier portion of the enclosure using heat and pressure.

20. The sealable enclosure of claim **21**, wherein the first side edge, the second side edge, the front edge and the back edge are sealably joined to the outer surface region of the enclosure barrier portion of the enclosure using a crimp.

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